

THE CLAIMS

What is claimed is:

1. A method for connecting a call through a telecommunications network

2 comprising the steps of:

3 receiving a request for a call at a base station from a wireless station;

4 accessing a database at the base station containing dialing instructions

5 for the wireless station for a telephone connection through a public switched telephone

6 network to a destination station; and

7 dialing a call for connection through the public switched telephone

8 network to the destination station based on the dialing instructions for the wireless

9 station.

1 2. The method according to claim 1, further comprising the step of

2 establishing a connection for the call from the base station to the destination station

3 using a predetermined routing path through the public switched telephone network

4 based on the dialing instructions for the wireless station.

1 3. The method according to claim 2, wherein the step of receiving a

2 request for a call includes the steps of receiving voice signals, and

3 storing the received voice signals,

4 the method further comprising the step of:
5 transmitting the stored voice signals to the destination station when the
6 call is connected through the public switched telephone network.

1 4. The method according to claim 3, wherein the wireless station is a
2 mobile station.

1 The method according to claim 3, wherein the step of establishing the
2 connection for the call is a connection that is time-shared with other wireless stations.

1 6. A base station connected to a public switched telephone network, the
2 base station comprising,
3 a transceiver receiving a call request from a wireless station;
4 a memory containing a database, the database containing dialing
5 instructions for the wireless station for a telephone connection through the public
6 switched telephone network to a destination station; and
7 a call processor responsive to the call request by accessing the
8 database and dialing a call for connection through the public switched telephone
9 network to the destination station based on the dialing instructions for the wireless
10 station.

1 7. The base station according to claim 6, wherein a connection established
2 for the call from the base station to the destination station is a predetermined routing
3 path through the public switched telephone network based on the dialing instructions
4 for the wireless station.

1 8. The base station according to claim 7, wherein the memory stores voice
2 signals received by the transceiver from the wireless station prior to the call processor
3 accessing the database, the stored voice signals being transmitted to the destination
4 station when the call is connected through the public switched telephone network.

1 9. The base station according to claim 8, wherein the wireless station is a
2 mobile station.

1 10. The base station according to claim 8, wherein the connection
2 established for the call is a connection that is time-shared with other wireless stations.

